

Resource Summary Report

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VC916

RRID:WB-STRAIN:WBStrain00036171

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036171

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036171>

Proper Citation: RRID:WB-STRAIN:WBStrain00036171

Description: Caenorhabditis elegans with name sphk-1(ok1097) II. from WB.

Species: Caenorhabditis elegans

Synonyms: sphk-1(ok1097) II.

Notes: C34C6.5. Superficially wild type.["Mutagen:UV/TMP"]["This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."]

Affected Gene: WBGene00007918(sphk-1)

Genomic Alteration: WBGene00007918(sphk-1)

Catalog Number: WB-STRAIN:WBStrain00036171

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References: EMPTY

Alternate IDs: WB-STRAIN:VC916

Organism Name: VC916

Record Creation Time: 20230227T013651+0000

Record Last Update: 20250419T234452+0000

Ratings and Alerts

No rating or validation information has been found for VC916.

No alerts have been found for VC916.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Ruiz M, et al. (2022) Sphingosine 1-phosphate mediates adiponectin receptor signaling essential for lipid homeostasis and embryogenesis. Nature communications, 13(1), 7162.

Kim S, et al. (2018) Sphingosine Kinase Activates the Mitochondrial Unfolded Protein Response and Is Targeted to Mitochondria by Stress. Cell reports, 24(11), 2932.

Liu Y, et al. (2014) Caenorhabditis elegans pathways that surveil and defend mitochondria. Nature, 508(7496), 406.